

In the Claims:

Please amend the claims as follows:

1. (previously amended) A method for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, the method comprising:

- a) creating a model of the facility, including position coordinates for major parts of the facility,
- b) storing the model in a location system storage means,
- c) identifying a component in the facility,
- d) placing a mobile information processing device adjacent the component and detecting position coordinates for the mobile information processing device, and
- e) storing identification information of the component and position coordinates of the mobile information processing device in the location system storage means.

2. (previously amended) The method according to claim 1, further comprising:  
repeating steps c, d and e for each component that is to be recorded in the location system.

3. (previously amended) The method according to claim 1, further comprising:  
using a positioning system to detect the position coordinates of each position in a geographical area of the model.

4. (previously amended) The method according to claim 1, further comprising:  
using one or more nodes of wireless communication means to detect the position coordinates of each position in the model of the geographical area.

5. (previously amended) The method according to claim 1, further comprising:  
using a wireless local area network to detect the position coordinates of each position in the model of the geographical area.

6. (previously amended) The method according to claim 1, further comprising:  
using button means or other input means to store the identification information of the component and position coordinates of the mobile information processing device in the location system.

7. (previously amended) The method according to claim 1, further comprising:  
using a data display means to store the identification information of the component and position coordinates of the mobile information processing device in the location system.

8. (previously amended) The method according to claim 1, further comprising:  
using wireless communication means to store the identification information of the component and position coordinates of the mobile information processing device in the location system.

9. (previously amended) The method according to claim 1, further comprising:  
using a positioning system to detect the position coordinates of the location of the mobile information processing device.

10. (previously amended) The method according to claim 1, further comprising:  
using wireless means to detect the position coordinates of the location of the mobile information processing device.

11. (previously amended) The method according to claim 1, wherein a component comprises individual identification means attached to the component, the method further comprising:  
identifying the component in the control system by the individual identification means on the component.

12. (previously amended) The method according to claim 1, wherein the control system comprises image recognition means of the component, the method further comprising:  
identifying the component in the control system by the image recognition means.

13. (previously amended) The method according to claim 1, further comprising:  
creating means to create position coordinates for a component in the location system when implementing the component in the control system.

14. (previously amended) The method according to claim 1, further comprising:

identifying a component in the location system by navigating through a corresponding control system.

15. (previously amended) The method according to claim 1, further comprising:  
separating the model of the facility in sub-areas, wherein each component located in that sub-area also has a sub-area position coordinate in the location system.

16. (previously amended) The method according to claim 1, further comprising:  
locating a component in a physical implementation by the location coordinates of the component in the location system.

17. (previously amended) The method according to claim 1, wherein clicking on a component or a sub-area in the location system selects that component or sub-area.

18. (previously amended) The method according to claim 1, wherein the graphical representation of the location system is a data display picture.

19. (previously amended) The method according to claim 1, wherein the mobile information processing device communicates with the control system through a cable between the device and the component, or the control system.

20. (previously amended) A computer program product, comprising:  
a computer readable medium; and

programming instructions recorded on the computer readable medium to control a computer or a computer process to make it perform a method including

creating a model of the facility, including position coordinates for major parts of the facility,

storing the model in a location system storage means,

identifying a component in the facility,

placing a mobile information processing device adjacent the component and detecting position coordinates for the mobile information processing device, and

storing identification information of the component and position coordinates of the mobile information processing device in the location system storage means.

21. (previously amended) Use of a computer program according to claim 20 to control a computer or a computer process to make it perform a method in an industrial system for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process.

22-27 (cancelled)

28. (currently amended) A control system of an industrial facility for an industrial process system for recording the position of at least one component in a location system ~~of a~~ of ~~the control system of an industrial facility for an industrial process,~~ the control system comprising:

a mobile information processing device,

a computer program,  
graphical user interface,  
a positioning system,  
a location system, and  
a computer.

29. (currently amended) The control system according to claim 28, further comprising:  
wireless access to information.

30. (currently amended) The control system according to claim 28, further comprising:  
a mobile ~~A mobile~~ information processing device for recording the position of at least  
one component in a location system of a control system of an industrial facility for an industrial  
process, comprising:

a processor,  
memory means,  
standard interface, and  
input means.

31. (currently amended) The ~~device~~ control system according to claim 30, wherein the  
mobile information processing device further comprising comprises:

a radio antenna,  
radio receiver/transmitter hardware, and  
wireless means.

32. (currently amended) The ~~device~~ control system according to claim 30, wherein the mobile information processing device further comprising comprises:

a wireless hardware member.

33. (currently amended) The ~~device~~ control system according to claim ~~claim~~ 30, wherein the ~~wireless communication means~~ mobile information processing device is compatible with the ISM band with significant interference suppression means by spread spectrum technology.

34. (currently amended) The ~~device~~ control system according to claim 30, wherein the ~~wireless communication means~~ mobile information processing device is compatible with a protocol wherein each data packet may be re-sent one or more times per second at different frequencies in the spectrum.

35. (currently amended) The ~~device~~ control system according to claim 30, wherein the mobile information processing device further comprising comprises:

a configurable hardware input/output interface.

36. (cancelled)

37. (currently amended) The control system according to claim 28, further comprising:  
a database comprising ~~A database, comprising:~~ information to be used in a method in an

industrial system for recording the position of at least one component in a location system of a ~~control~~ the control system of an industrial facility for an industrial process, according to claim 1.

38. (currently amended) The control system according to claim 28, further comprising:  
a website comprising ~~A website, comprising:~~ means to perform a method in an industrial system for recording the position of at least one component in a location system of ~~a control~~ the control system of an industrial facility for an industrial process, according to claim 1.

39. (cancelled)

40. (cancelled)

41. (currently amended) ~~The method~~ control system according to ~~claim 3~~ claim 28, wherein the positioning system comprises a global positioning system.

42-44 (cancelled)

45. (previously presented) The method according to claim 18, wherein the data display picture comprises at least one of a spread sheet, a drawing or a diagram.

46. (previously presented) The method according to claim 28, wherein the mobile information processing device comprises a mobile hardware Personal Digital Assistant.



47. (currently amended) The ~~method~~ control system according to claim 28, wherein the positioning system comprises indoor or outdoor GPS, positioning by WLAN or other standards or protocols, or GSM.

48. (currently amended) The ~~method~~ control system according to claim 28, wherein the computer comprises a tablet personal computer.

49. (currently amended) The control system according to claim 29, wherein the wireless access to information comprises General Packet Radio Service, VLAN, or Bluetooth.

50. (new) The system according to claim 28, further comprising:  
a component with an individual identification attached to the component.

51. (new) The system according to claim 50, wherein the individual identification comprises a tag.

52. (new) The system according to claim 51, wherein the tag comprises a bar code, a radio frequency tag or a wireless technology link.

53. (new) The system according to claim 28, further comprising:  
a graphical user interface for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, the graphical user interface comprising

a display element configured to display said at least one component,  
a display element configured to display position coordinates for said component, and  
an input member configured to register position coordinates of said component.

54. (new) The system according to claim 53, wherein the graphical user interface further comprises:  
  
an input element configured to register identification information of the component; and  
an input element configured to register position coordinates of the mobile information.

55. (new) The system according to claim 53, wherein the graphical user interface, further comprises:  
  
a display element configured to identify a component.

56. (new) The system according to claim 53, wherein the graphical user interface further comprises:  
  
an input member configured to register the position coordinates for the mobile information processing device.

57. (new) The system according to claim 53, wherein the graphical user interface further comprises:  
  
a display element configured to create a model of the facility, including position coordinates for major parts of the facility such as sub-areas, and  
an input member configured to register position coordinates of the model.